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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/596,666	06/20/2006	TERRY HORWITZ	100402-010600	9140
33717 7590 11/09/2009 GREENBERG TRAURIG LLP (L.A.) 2450 COLORADO AVENUE, SUITE 400E INTELLECTUAL PROPERTY DEPARTMENT SANTA MONICA, CA 90404				
EXAMINER				
CHOI, JACOB Y				
ART UNIT		PAPER NUMBER		
2885				
NOTIFICATION DATE		DELIVERY MODE		
11/09/2009		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/596,666

Applicant(s)

HORWITZ, TERRY

Examiner

JACOB Y. CHOI

Art Unit

2885

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 August 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-55 and 57-60 is/are pending in the application.
- 4a) Of the above claim(s) 13-17, 19-55 and 57-60 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 and 18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 June 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 20 June 2006
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

Applicant's election of Group I & Species I, claims 1-33, in the reply filed on August 25, 2009 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

In addition, claims 13-17 and 19-33 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Species III, including details of the light source module.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on June 20, 2006. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Specification

The specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Note: Claims in a pending application should be given their broadest reasonable interpretation. *In re Pearson*, 181 USPQ 641 (CCPA 1974).

Things clearly shown in reference patent drawing qualify as prior art features, even though unexplained by the specification. *In re Mraz*, 173 USPQ 25 (CCPA 1972).

Claims **1-12** and **18** are rejected under 35 U.S.C. 103(a) as being unpatentable over Mrakovich et al. (US 2005/0221659) in view of Lys et al. (USPN 6,777,891).

Regarding claims 1, 7, & 11, Mrakovich et al. discloses an electrically continuous wiring harness (12) having a plurality of separate electrical circuits (18, 22, & 24), a connector unit (14) electrically connected to the wiring harness, and a light source module (16) electrically connected (198) to each of the plurality of separate electrical circuit (108 & 112) in the wiring harness (12) via the connector unit (14), wherein each of the plurality of separate electrical circuits are arranged to provide power to the light source module, wherein the light source module may be disconnected [0017; "... a wire-socket assembly 14 attached to the flexible electrical cable and an LED module 16 that selectively attaches to the wire-socket assembly"] from the connector unit in the absence of interrupting an electrical connection of the wiring harness [0020; "... the wire-socket assembly 14 plugs into the LED module 16, which allows for easy replacement of the LED module ... the LED module 16 can selectively attach to the wire-socket assembly 14 ... With these types of connections, replacement of one LED module 16 on the light engine 10 can be made without exposing the conductor wires 18, 22 and 24 of the electrical cable 12"].

Mrakovich et al. fails to include details of plurality of separate electrical circuits to independently controlling the light source module. However, Mrakovich et al. suggest in

paragraph 0018 that "... *Three conductors are depicted in the figures; however, the cable can include a several to many wires, where some of the wires may deliver power and some may deliver electronic signals or the like*".

Lys et al. teaches a similar light string system including a control circuitry (50), coupled to a power supply (44) and the microprocessor (46) operate so as to appropriately transmit various control signals from one or more independently (FIG 2) controllable output ports (30) based on the data received by the microprocessor (46).

It would have been obvious to one having ordinary skill in the art at the time of the invention to include microprocessor because the known technique of independently transmit signals to the light emitting diode(s) was recognized as part of the ordinary capabilities of one skilled in the art. See *KSR International Co. v. Teleflex Inc.*, 82 USPQ2d 1385 (2007).

Regarding claims 2 & 10, Mrakovich et al. further discloses the wiring harness includes a plurality of electrically continuous wires (FIG 2).

Regarding claims 3 & 12, Mrakovich et al. further discloses the connector unit includes a plurality of connection posts (108 & 112) providing electrical connection to the wires.

Regarding claim 4, Mrakovich et al. further discloses the light source module includes at least one light emitting diode (156).

Regarding claims 5 & 8, Mrakovich et al. further discloses at least one additional connector unit (FIG 3).

Regarding claim 6, Mrakovich et al. further discloses at least one additional light source module (FIG 3).

Regarding claim 9, Mrakovich et al. further discloses the first light source module is electrically connected with the wiring harness via the connector unit (FIG 3).

Regarding claim 18, Mrakovich et al. further discloses a mounting assembly adapted for mounting the wiring assembly to a structure (FIG 8).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Rudy et al. (US 2004/0115984) – light socket assembly for use with conductors arranged in a ribbon cable

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JACOB Y. CHOI whose telephone number is (571)272-2367. The examiner can normally be reached on Monday-Friday (10:00-7:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jong-Suk (James) Lee can be reached on (571) 272-7044. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jacob Y Choi
Primary Examiner
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JC

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